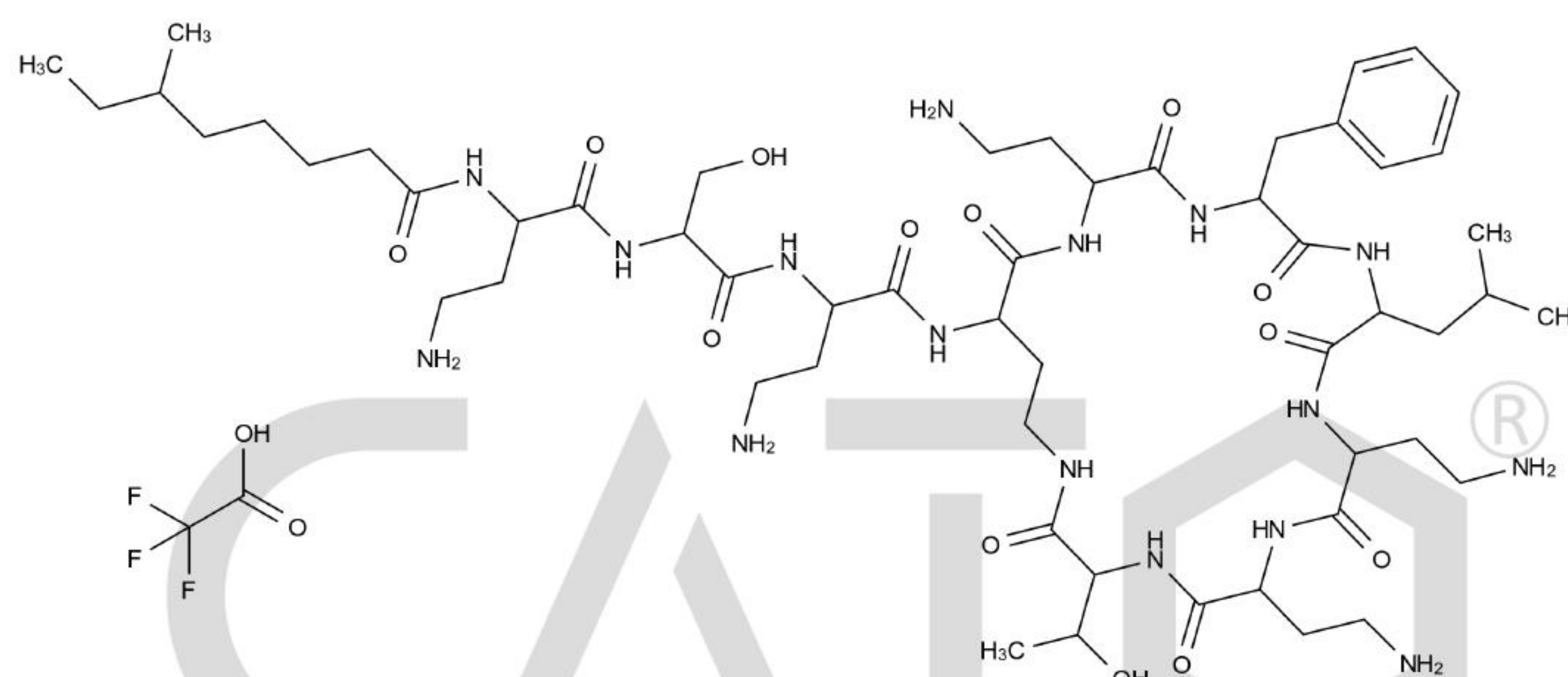


Certificate of Analysis

Reference Material & Standard

Product Name:	Polymyxin Impurity 37 TFA	Catalogue Number:	C4X-225537
Synonyms:	N/A	Lot Number:	1105-RF-0031
CAS Number:	N/A	Expiry Date:	Nov 10, 2027
Molecular Formula:	C ₅₅ H ₉₆ N ₁₆ O ₁₃ C ₂ H ₄ F ₃ O ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	1189.45 114.02		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.0578%
Loss On Drying	TGA	1.1416%
Assay		97.9%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100%-Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Nov 11, 2024

Date: Nov 11, 2024

Date: Nov 11, 2024

